



SAEINDIA Southern section invites Undergraduate Engineering Stream Students for the  
**National Level Competition on FINITE ELEMENT ANALYSIS (Using ANSYS) (NLCFEA-2023)**

**Salient Features of the Training**

- 100-hour Training duration
- 09 Skills
- 20 Tutorials
- 15 Exercise
- Training options – Online / Offline

**Important Dates**

Team Registration Starts on	18-04-2023
Team Registration Ends on	30-07-2023
Training Workshop –1 (DLE)	19-08-2023 to 20-08-2023
Training Workshop –2 (DLE)	23-09-2023 to 24-09-2023
Follow up learning exercises (FLE)	21-08-2023 to 03-11-2023
Final Event	03-12-2023

**Scoring**

Training Workshops (Direct Learning Exercises)	DLE	200
	FLE-1	200
Practice (Follow up learning Exercises)	FLE-2	200
	FLE-3	200
	FLE-4	200
Finals (Competition Evaluation )	CE-1	300
	CE-2	400
	CE-3	300
Total		2000

**9 Skills**

- Problem formulation
- FEA problem formulation
- Structural Analysis
- Modal , Harmonic, Transient Dynamic , Random vibration
- Thermal Analysis
- Coupled Physics
- Explicit dynamics
- Interpretation and verification of Results
- FEA report preparation

**Team Size:**

- Maximum of 5 UG students
- Individual can also register (Mechanical/Civil/ Automobile/ Aero Space)

**Registration Fees ( Including GST )**

- For a team with 5 Students: Rs. 17,700
- For Individual Registration : Rs. 3,540

**Prizes Worth**

Rs 50,000/-

**Terms & Conditions**

Participation Certificate will be provided to those who complete training, Practice and the Finals

**Lead Champion**

Dr. S. Hariharan  
Associate Professor, SoME  
SASTRA, Thanjavur

**Champion**

Dr. T. Sukumar  
Team Lead - Simulation,  
ZF, Chennai

**Champion**

Dr. M. K. Naidu  
Associate Professor  
Department of Mechanical Engineering  
MVGR College of Engineering